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Mar 21, 2000

DERWENT-ACC-NO: 2000-287021
DERWENT-WEEK: 200035
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TITLE: Hydrophilic polyolefin based fiber for nonwoven fabric - contains hydrophilicity agents

PATENT-ASSIGNEE:

ASSIGNEE

DAIWABO CO LTD

MARUBISHI YUKA KOGYO KK

CODE

DAIW

MABU

PRIORITY-DATA: 1998JP-0254299 (September 8, 1998)

PATENT-FAMILY:

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MAIN-IPC

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APPLICATION-DATA:

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DESCRIPTOR

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INT-CL (IPC): D01 F 6/46; D04 H 1/42; D21 H 13/14

ABSTRACTED-PUB-NO: JP2000080522A

BASIC-ABSTRACT:

NOVELTY - Hydrophilicity agents are mixed with at least part of a polyolefin-based resin. The hydrophilicity agents comprise: (a) 0.2-10 wt.% hydrophilicity agent (A) having a weight average molecular weight of 200-1000 and (b) 0.2-10 wt.% hydrophilicity agent (B) having a weight average molecular weight of 1000-100000.

USE - The hydrophilic polyolefin-based fiber is used for nonwoven fabric used for a sanitary material, wet tissue, wiper, filter or tea bag. The fiber is used for reinforcing cement.

ADVANTAGE - The hydrophilicity agent (A) has initial hydrophilicity. The hydrophilicity agent (B) has durable hydrophilicity. The result stably retains significant hydrophilicity for a long period.

CHOSEN-DRAWING: Dwg.0/0

TITLE -TERMS: HYDROPHILIC POLYOLEFIN BASED NONWOVEN FABRIC CONTAIN HYDROPHILIC AGENT

DERWENT-CLASS: A17 A88 A93 A96 D22 F04

CPI-CODES: A04-G01E; A08-S08; A12-S05G; D09-C03; F02-C01; F03-D04; F04-E04;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; G0033*R G0022 D01 D02 D51 D53 ; H0000 ; H0011*R ; S9999 S1070*R ; S9999 S1183 S1161 S1070 ; P1150 Polymer Index [1.2] 018 ; B9999 B3407 B3383 B3372 ; Q9999 Q8004 Q7987 ; Q9999 Q7034*R ; Q9999 Q9370 ; Q9999 Q7589*R ; Q9999 Q8526 Q8366 ; Q9999 Q7001 Q6995 ; ND00 ; ND09 ; B9999 B3418*R B3372 Polymer Index [1.3] 018 ; D01 D61*R F62 Gm ; D01 D11 D10 F34 ; A999 A022 A000 ; A999 A771



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SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2000-087140